

# M E 427: Kinematic Analysis and Synthesis MECHANICAL ENGINEERING

Lectures introduce the kinematic design of mechanisms such as linkages, cams, gears and gear trains; motion of such mechanisms, their velocities and accelerations are analyzed by graphical, analytical, and computer-aided design methods of synthesis and optimization. Lecture and projects.

4 Credits

## **Prerequisites**

- M E 324: Introduction to Mechanical Design
- Pre-Requisite: 24 Earned Hours

# One-way corequisites

• Engr 330: Engineering Systems Analysis and Design

### Instruction Type(s)

• Lecture: Lecture for M E 427

#### **Subject Areas**

• Mechanical Engineering

